

I oppose the proposed rule changes regarding Part 15 relating to Broadband over Power Line devices. The radio spectrum is a national resource and should be protected from the pollution which BPL will inevitably cause. Once lost, the present low ambient high frequency RF background can never be regained. The burden should not be shifted to a user to locate, report and demand locale-specific reductions in interference from the BPL operator.

HF signal levels presently allowed under Part 15, and generally transmitted for short periods, are not adequate to protect against BPL emissions which occur on a 24/7 basis. Allowing HF-based BPL will have negative side effects for short-wave broadcast listeners as well as amateur radio operators and other licensed users of the high frequency spectrum, and inhibit or eliminate our ability to provide public service in the event of a national or regional emergency.

I have a significant personal investment in my amateur radio equipment and antenna towers, which will be lost if interference from BPL renders this equipment unusable. I do not think the commission appreciates the weak signal nature of many amateur radio communications, and that any increase to the ambient noise levels of the HF spectrum will be disruptive to these activities.

Solutions proposed, such as orienting antennas away from the noise are not viable, our antennas must be oriented toward the signal being received, and if that is in the same direction as any BPL spectrum pollution, that would constitute interference.